

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method of the treatment of a patient in need of such treatment comprising administering to the patient for inhalation a nebulized unit dose of 4.0 ml or less of ~~a nebulized aerosol formulation~~ an aqueous solution comprising from about 60 to about 200 mg/ml of ~~an aminoglycoside antibiotic tobramycin in~~ for a duration of nebulization less than about 10 minutes, using an inhalation device having a rate of aerosol output of not less than about 4 TI/sec.
2. (Currently Amended) A method of Claim 1 wherein the unit dose comprises less than about 3.75 ml of the ~~nebulized aerosol formulation~~ aqueous solution.
3. (Currently Amended) A method of Claim 1 wherein the unit dose comprises 3.5 ml or less of the ~~nebulized aerosol formulation~~ aqueous solution.
4. (Currently Amended) A method of Claim 1 wherein the ~~aerosol formulation~~ aqueous solution comprises from about 80 to about 180 mg/ml of ~~the aminoglycoside antibiotic tobramycin.~~
5. (Currently Amended) A method of Claim 1 wherein the ~~aerosol formulation~~ aqueous solution comprises from about 90 to about 150 mg/ml of ~~the aminoglycoside antibiotic tobramycin.~~
- 6-7. (Canceled)
8. (Currently Amended) A method of Claim ~~7-1~~ wherein the unit dose comprises 3.5 ml or less of ~~a nebulized aerosol formulation~~ an aqueous solution comprising from about 80 to about 180 mg/ml of tobramycin.
- 9-17. (Canceled)
18. (New) A method of Claim 1 wherein the inhalation device has a rate of aerosol output of not less than about 5 TI/sec.

19. (New) A method of Claim 1 wherein the inhalation device has a rate of aerosol output of not less than about 8 TI/sec.

20. (New) A method of Claim 1 wherein the inhalation device has an emitted dose efficiency of at least about 68 percent.

21. (New) A method of Claim 1 wherein the inhalation device has an emitted dose efficiency of at least about 75 percent.

22. (New) A method of Claim 1 wherein the inhalation device has an emitted dose efficiency of at least about 80 percent.

23. (New) A method of Claim 1 wherein the inhalation device has an emitted dose efficiency of at least about 85 percent.

24. (New) A method of Claim 1 wherein the duration of nebulization is less than about 8 minutes.

25. (New) A method of Claim 1 wherein the duration of nebulization is less than about 6 minutes.

26. (New) A method of Claim 1 wherein the inhalation device is breath actuated.

27. (New) A method of Claim 1 wherein at least 20 mg of tobramycin is administered to the patient.

28. (New) A method of the treatment of a patient in need of such treatment comprising administering to the patient for inhalation a nebulized unit dose of 3.5 ml or less of an aqueous solution comprising from about 90 to about 150 mg/ml of tobramycin for a duration of nebulization less than about 6 minutes, using an inhalation device having a rate of aerosol output of not less than about 4 TI/sec.